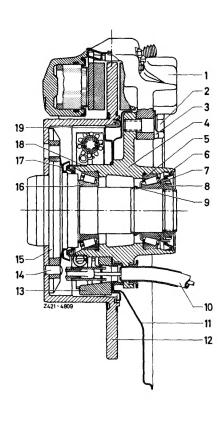
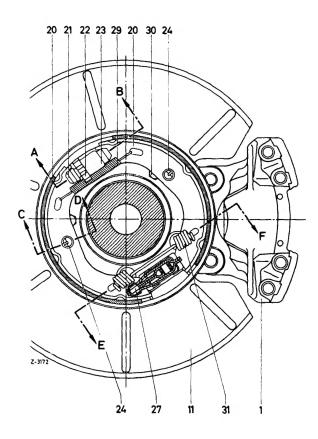
42-530 Removal and installation of brake shoes of parking brake

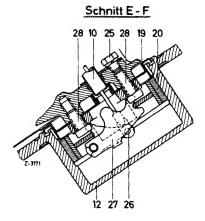
Data				
Brake shoe dia.				160-0.2
ID of brake disc				160 + 0.2
Brake shoe width				25
Lubricants				
Molykote Paste U	Molykote Paste G Rapid		Liqui Moly Paste 36	
Special tools				
Remover and installer for return spring		11004 - 7230		116 589 01 62 00
Installation tool for draw spring				112 589 09 61 00





Schnitt A - B 20 21 22 23



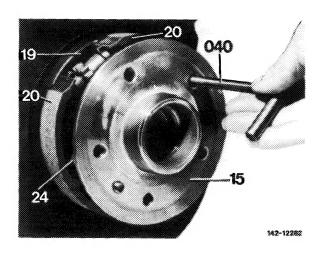


- 1 Caliper 2 Hex. bolt 3 Locking plate 4 Wheel carrier
- 5 Inside tapered roller
- bearing 6 Radial sealing ring,
- inner
- 7 Sealing ring
- 8 Slot nut 9 Spacing sleeve
- 10 Brake cable control 11 Cover plate
- 12 Brake disc
- 13 Brake carrier 14 Fitted pin
- 15 Rear axle shaft flange
- 16 Outside tapered roller bearing
- 17 Dust cap 18 Radial sealing ring, outer
- 19 Cover ring

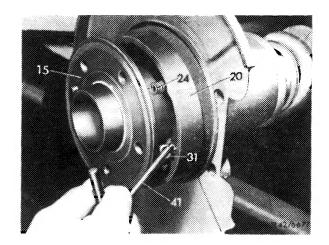
- 20 Brake shoes 21 Thrust piece 22 Adjusting wheel 23 Thrust sleeve
- 24 Draw spring
- 25 Hex. bolt with snap ring
- 26 Bolt
- 27 Expanding lock 28 Hex. socket bolt
- 29 Upper restoring spring 30 Hex. bolt with snap ring
- 31 Lower restoring spring

Removal

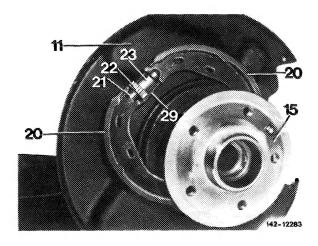
- 1 Remove brake disc (42-228).
- 2 Turn rear axle shaft flange (15) in such a manner that one threaded hole faces spring (24). Then slightly compress spring with installation tool (040), turn tool by approx. 90°, then disconnect spring from cover ring and remove.
- 3 Remove spring on other brake shoe likewise.



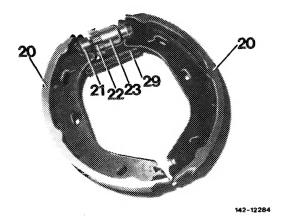
4 Disconnect restoring spring (31) with remover and installer (41) from brake shoe (20).



5 Pull both brake shoes (20) apart until they can be removed over rear axle shaft flange (15).



6 Disconnect restoring spring (29) from brake shoe (20) and remove adjusting device (21 to 23).

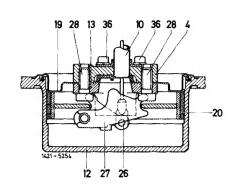


7 Push bolt (26) out of expanding lock (27) and remove expanding lock from brake cable control (10).

- 4 Wheel carrier
- 10 Brake cable control
- 12 Brake disc

- 13 Brake carrier 19 Cover ring 20 Brake shoes
- 26 Bolt
 - 27 Expanding lock 28 Hex. socket bolt

 - 36 Hex. socket bolt with snap ring



Installation

- 8 Coat all bearings and sliding surfaces on expanding lock with specified lubricant (refer to table), attach brake cable control (10) to expanding lock (27) by means of bolt (26). Then push expanding lock toward cover ring (19).
- 9 Check tightening torque of both hex. socket screws for fastening brake carrier (13) (tightening torque 50 Nm).

Note: Self-locking hex. socket screws are installed starting October 1978. Hex. socket screws may be used only once. For tightening and loosening, use a 7 mm Allen wrench.

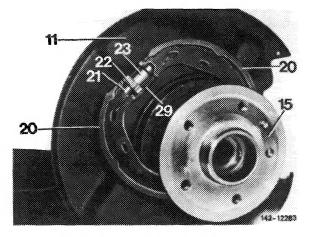
10 Coat threads of thrust piece (21) and cylindrical portion of adjusting wheel (22) with specified lubricant (refer to table). Assemble adjusting device and turn completely back.

20 Brake shoes

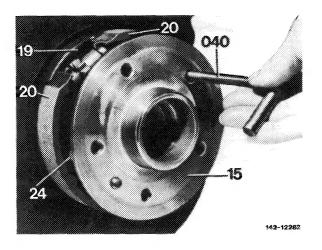
21 Thrust piece

22 Adjusting wheel 23 Pressure sleeve

- 11 Insert adjusting device (21 to 23) into both brake shoes in such a manner that the adjusting wheel (22) is facing forward.
- 12 Attach restoring spring (29) to both brake shoes.
- 13 Pull brake shoes (20) apart, introduce over rear axle shaft flange (15) and attach to expanding lock.



14 Insert spring (24) laterally into brake shoes (20). Introduce installation tool (040) through a threaded hole of rear axle shaft flange (15), then compress spring slightly, turn by 90° and attach to cover ring (19). Make sure that the spring is correctly attached.



15 Attach spring (31) with small eye to brake shoes.

Note: The eyes of the restoring spring vary. For large eye refer to arrow.

- 16 Attach remover and installer (41) into large eye of restoring spring (31), then attach restoring spring to other brake shoes (20).
- 17 Install brake disc (42-228).
- 18 Adjust parking brake (42-540).

